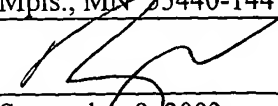
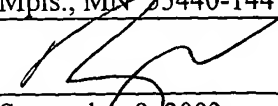
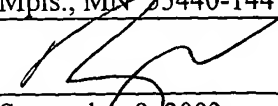


0002/PTO Rev. 6/95	U. S. Department of Commerce Patent and Trademark Office	Attorney Docket Number 1296US2	First Named Inventor Vangstad
<b>NEW UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(to be used for new applications only)</i>		Total Pages in this Submission 17	

3945 U.S. PTO  
 10/657966  
 09/09/03

APPLICATION ELEMENTS	ACCOMPANYING APPLICATION PARTS						
<p>Notice: Checklist items mentioned under Application Elements section construct a new utility patent application. Please refer to MPEP Sections 506, 601, (37 CFR 1.77, 1.53, 35 USC 111, 112, 113) for detailed explanation regarding completeness of an original patent application</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> Fee Transmittal Form (prescribing filing fee(s))</li> <li>2. <input checked="" type="checkbox"/> Specification               <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Title of the Invention</li> <li><input type="checkbox"/> Cross References to Related Applications (if applicable)</li> <li><input type="checkbox"/> State Regarding Federally-sponsored Research Development (if applicable)</li> <li><input type="checkbox"/> Reference to Microfiche Appendix (if applicable)</li> <li><input checked="" type="checkbox"/> Background of the Invention</li> <li><input checked="" type="checkbox"/> Brief Summary of the Invention</li> <li><input checked="" type="checkbox"/> Brief Description of the Drawings (if drawings filed)</li> <li><input checked="" type="checkbox"/> Detailed Description</li> <li><input checked="" type="checkbox"/> Claim or Claims</li> <li><input checked="" type="checkbox"/> Abstract of the Disclosure</li> </ul> </li> <li>3. <input checked="" type="checkbox"/> Drawing(s) (when necessary as prescribed by 35 USC 113)</li> <li>4. <input checked="" type="checkbox"/> Executed Declaration</li> <li>5. Genetic Sequence Submission (if applicable, all must be included)               <ul style="list-style-type: none"> <li><input type="checkbox"/> Paper Copy</li> <li><input type="checkbox"/> Computer Readable Copy</li> <li><input type="checkbox"/> Statement Verifying Identical Paper and Computer Readable Copy</li> </ul> </li> </ol>	<ol style="list-style-type: none"> <li>6. <input checked="" type="checkbox"/> Assignment Papers</li> <li>7. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</li> <li>8. <input type="checkbox"/> Computer Program in Microfiche</li> <li>9. <input type="checkbox"/> English Translation Document (if applicable)</li> <li>10. <input type="checkbox"/> Information Disclosure Statement / PTO-1449               <ul style="list-style-type: none"> <li><input type="checkbox"/> Copies of IDS Citations</li> </ul> </li> <li>11. <input type="checkbox"/> Petition Checklist and Accompanying Petition</li> <li>12. <input type="checkbox"/> Preliminary Amendment</li> <li>13. <input type="checkbox"/> Proprietary Information</li> <li>14. <input checked="" type="checkbox"/> Return Receipt Postcard</li> <li>15. <input type="checkbox"/> Small Entity Statement</li> <li>16. <input type="checkbox"/> Additional Enclosures (please identify below)</li> </ol>						
	<b>SIGNATURE OF APPLICANT, ATTORNEY OR AGENT (Send correspondence to:)</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Firm or Individual Name</td> <td>Douglas B. Farrow Graco Minnesota Inc. P. O. Box 1441 Mpls., MN 55440-1441</td> </tr> <tr> <td>Signature</td> <td></td> </tr> <tr> <td>Date</td> <td>September 9, 2003</td> </tr> </table>	Firm or Individual Name	Douglas B. Farrow Graco Minnesota Inc. P. O. Box 1441 Mpls., MN 55440-1441	Signature		Date	September 9, 2003
Firm or Individual Name	Douglas B. Farrow Graco Minnesota Inc. P. O. Box 1441 Mpls., MN 55440-1441						
Signature							
Date	September 9, 2003						

FOR OFFICIAL USE ONLY					
Application Number		Class		Independent Claims	
Date of Receipt	Application Type	GAU		Total Claims	
	Filing Date	Foreign Filing License?		Drawings Sheets	
	Small Entity	Foreign Address?		Special Handling?	

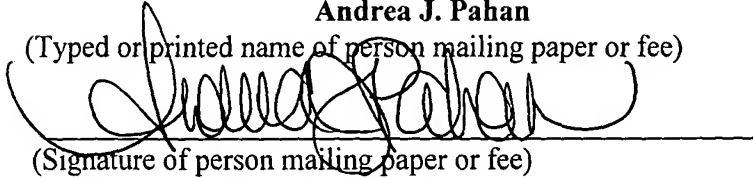
**"EXPRESS MAIL"** Mailing Label No. EV194974862US

**Date of Deposit: September 9, 2003**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


**Andrea J. Pahan**

(Typed or printed name of person mailing paper or fee)

A handwritten signature in black ink, appearing to read "Andrea J. Pahan", is written over a horizontal line. The signature is fluid and cursive.

(Signature of person mailing paper or fee)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

 <b>Free Transmittal</b> <b>for FY 2003</b> Effective 01/01/2003. Patent Fees are subject to annual revision.		<b>Complete if Known</b>	
		Application Number	
		Filing Date	
		First Named Inventor	Vangstad
		Examiner Name	
		Art Unit	
		Attorney Docket No.	1296US2
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
<b>TOTAL AMOUNT OF PAYMENT</b> (\$ ) 790.00			

<b>METHOD OF PAYMENT (check all that apply)</b> <input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money order <input type="checkbox"/> Other <input type="checkbox"/> None  <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 07-1775 Deposit Account Name: Graco Inc.  <b>The Commissioner is authorized to: (check all that apply)</b> <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fees(s) indicated below, except for the filing fee to the above-identified deposit account	<b>FEE CALCULATION (continued)</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">3. ADDITIONAL FEES</th> <th colspan="2"></th> <th colspan="2"></th> <th></th> </tr> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th colspan="2"></th> <th>Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th colspan="2">Fee Description</th> <th></th> </tr> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td colspan="2">Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td colspan="2">Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td colspan="2">Non-English Specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td colspan="2">For filing a request or <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td colspan="2">Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td colspan="2">Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td colspan="2">Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td colspan="2">Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td colspan="2">Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td colspan="2">Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td colspan="2">Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td colspan="2">Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td colspan="2">Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td colspan="2">Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td colspan="2">Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td colspan="2">Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td colspan="2">Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td><td colspan="2">Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>470</td><td>2503</td><td>235</td><td colspan="2">Design issue fee</td><td></td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td colspan="2">Plan issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td colspan="2">Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td colspan="2">Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td colspan="2">Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td colspan="2">Recording each patent assignment per property (times number of properties)</td><td>\$40.00</td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td colspan="2">Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td colspan="2">For each additional invention to be examined 37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td colspan="2">Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td colspan="2">Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="6">Other Fee (Specify)</td><td></td></tr> <tr><td colspan="6" style="text-align: right;">*Reduced by Basic Filing Fee Paid</td><td></td></tr> <tr> <td colspan="6" style="text-align: right;"><b>SUBTOTAL (3)</b></td> <td><b>\$40.00</b></td> </tr> </table>	3. ADDITIONAL FEES							Large Entity		Small Entity				Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description			1051	130	2051	65	Surcharge - late filing fee or oath			1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet			1053	130	1053	130	Non-English Specification			1812	2,520	1812	2,520	For filing a request or <i>ex parte</i> reexamination			1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action			1251	110	2251	55	Extension for reply within first month			1252	410	2252	205	Extension for reply within second month			1253	930	2253	465	Extension for reply within third month			1254	1,450	2254	725	Extension for reply within fourth month			1255	1,970	2255	985	Extension for reply within fifth month			1401	320	2401	160	Notice of Appeal			1402	320	2402	160	Filing a brief in support of an appeal			1403	280	2403	140	Request for oral hearing			1451	1,510	1451	1,510	Petition to institute a public use proceeding			1452	110	2452	55	Petition to revive - unavoidable			1453	1,300	2453	650	Petition to revive - unintentional			1501	1,300	2501	650	Utility issue fee (or reissue)			1502	470	2503	235	Design issue fee			1503	630	2503	315	Plan issue fee			1460	130	1460	130	Petitions to the Commissioner			1807	50	1807	50	Processing fee under 37 CFR 1.17(q)			1806	180	1806	180	Submission of Information Disclosure Stmt			8021	40	8021	40	Recording each patent assignment per property (times number of properties)		\$40.00	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))			1810	750	2810	375	For each additional invention to be examined 37 CFR 1.129(b))			1801	750	2801	375	Request for Continued Examination (RCE)			1802	900	1802	900	Request for expedited examination of a design application			Other Fee (Specify)							*Reduced by Basic Filing Fee Paid							<b>SUBTOTAL (3)</b>						<b>\$40.00</b>
3. ADDITIONAL FEES																																																																																																																																																																																																																																															
Large Entity		Small Entity				Fee Paid																																																																																																																																																																																																																																									
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description																																																																																																																																																																																																																																											
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																											
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																											
1053	130	1053	130	Non-English Specification																																																																																																																																																																																																																																											
1812	2,520	1812	2,520	For filing a request or <i>ex parte</i> reexamination																																																																																																																																																																																																																																											
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																											
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																											
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																																																																											
1252	410	2252	205	Extension for reply within second month																																																																																																																																																																																																																																											
1253	930	2253	465	Extension for reply within third month																																																																																																																																																																																																																																											
1254	1,450	2254	725	Extension for reply within fourth month																																																																																																																																																																																																																																											
1255	1,970	2255	985	Extension for reply within fifth month																																																																																																																																																																																																																																											
1401	320	2401	160	Notice of Appeal																																																																																																																																																																																																																																											
1402	320	2402	160	Filing a brief in support of an appeal																																																																																																																																																																																																																																											
1403	280	2403	140	Request for oral hearing																																																																																																																																																																																																																																											
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																											
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																																																																											
1453	1,300	2453	650	Petition to revive - unintentional																																																																																																																																																																																																																																											
1501	1,300	2501	650	Utility issue fee (or reissue)																																																																																																																																																																																																																																											
1502	470	2503	235	Design issue fee																																																																																																																																																																																																																																											
1503	630	2503	315	Plan issue fee																																																																																																																																																																																																																																											
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																																																																											
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																																											
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																											
8021	40	8021	40	Recording each patent assignment per property (times number of properties)		\$40.00																																																																																																																																																																																																																																									
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																											
1810	750	2810	375	For each additional invention to be examined 37 CFR 1.129(b))																																																																																																																																																																																																																																											
1801	750	2801	375	Request for Continued Examination (RCE)																																																																																																																																																																																																																																											
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																																											
Other Fee (Specify)																																																																																																																																																																																																																																															
*Reduced by Basic Filing Fee Paid																																																																																																																																																																																																																																															
<b>SUBTOTAL (3)</b>						<b>\$40.00</b>																																																																																																																																																																																																																																									

<b>1. BASIC FILING FEE</b>		<b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b>																																																																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> <tr><td>1001</td><td>750</td><td>2001</td><td>375</td><td>Utility filing fee</td><td>\$750.00</td></tr> <tr><td>1002</td><td>330</td><td>2002</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>520</td><td>2003</td><td>260</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>750</td><td>2004</td><td>375</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td><b>(\$750.00)</b></td> </tr> </table>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	750	2001	375	Utility filing fee	\$750.00	1002	330	2002	165	Design filing fee		1003	520	2003	260	Plant filing fee		1004	750	2004	375	Reissue filing fee		1005	160	2005	80	Provisional filing fee		<b>SUBTOTAL (1)</b>					<b>(\$750.00)</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>84</td><td>2201</td><td>42</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>280</td><td>2203</td><td>140</td><td>Multiple independent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>84</td><td>2204</td><td>42</td><td>**Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td><b>(\$)</b></td> </tr> </table>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	18	2202	9	Claims in excess of 20		1201	84	2201	42	Independent claims in excess of 3		1203	280	2203	140	Multiple independent claim, if not paid		1204	84	2204	42	**Reissue independent claims over original patent		1205	18	2205	9	**Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b>					<b>(\$)</b>	<b>SUBMITTED BY</b> (Complete (if applicable)) Name (Print/Type) Douglas B. Farrow Registration No (Attorney/Agent) 28582 Telephone 612-623-6769 Signature _____ Date September 9, 2003	
Large Entity		Small Entity		Fee Description			Fee Paid																																																																																								
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																												
1001	750	2001	375	Utility filing fee	\$750.00																																																																																										
1002	330	2002	165	Design filing fee																																																																																											
1003	520	2003	260	Plant filing fee																																																																																											
1004	750	2004	375	Reissue filing fee																																																																																											
1005	160	2005	80	Provisional filing fee																																																																																											
<b>SUBTOTAL (1)</b>					<b>(\$750.00)</b>																																																																																										
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																										
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																												
1202	18	2202	9	Claims in excess of 20																																																																																											
1201	84	2201	42	Independent claims in excess of 3																																																																																											
1203	280	2203	140	Multiple independent claim, if not paid																																																																																											
1204	84	2204	42	**Reissue independent claims over original patent																																																																																											
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent																																																																																											
<b>SUBTOTAL (2)</b>					<b>(\$)</b>																																																																																										

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.